

ABSTRACT OF THE DISCLOSURE

Expandable or pre-expanded thermoplastic
10 particles, e.g. polystyrene particles, used to form
foam containers e.g. cups, bowls, are coated with a
coating composition comprising a liquid part
consisting of a) liquid polyethylene glycol with an
average molecular weight of 200 to 800; and a solid
15 part comprising components selected from the group
consisting of b) polyolefin wax, e.g. polyethylene
wax, c) a metal salt of higher fatty acids, e.g.
zinc stearate or calcium stearate; d) polyethylene
glycol with an average molecular weight of 900 to
20 10,000; and e) a fatty bisamide or fatty amide, e.g.
ethylene bis-stearamide; and combinations of b)
through e). The coating composition prevents or
resists leakage of liquids and foods with oil and/or
fatty components and improves the rim strength and
25 ATF properties of foam containers.